

The diagram illustrates a system for dental imaging. It includes an X-RAY unit (20) and a 3D CAMERA (30) positioned to capture data from a patient's head (10). The patient's head is shown with a cross-section of the jaw, highlighting the teeth (12). The X-RAY unit (20) is connected to an INTEGRATION SYSTEM (70). The 3D CAMERA (30) is also connected to the INTEGRATION SYSTEM (70). The INTEGRATION SYSTEM (70) is further connected to a component (50) that is positioned to capture data from the patient's head (10).

FIG. 1

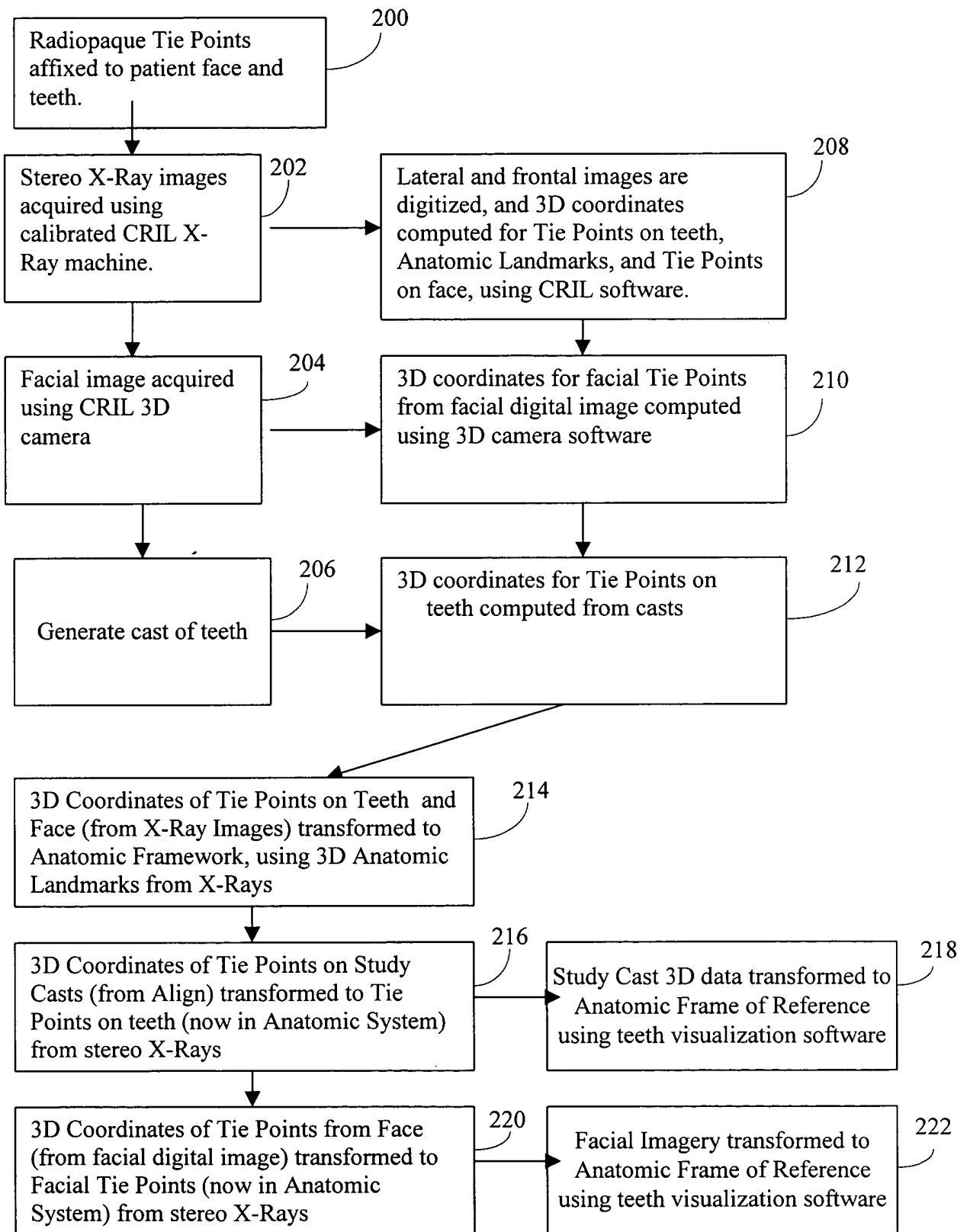


FIG. 2

SCHEMATIC OF X-RAY GEOMETRY

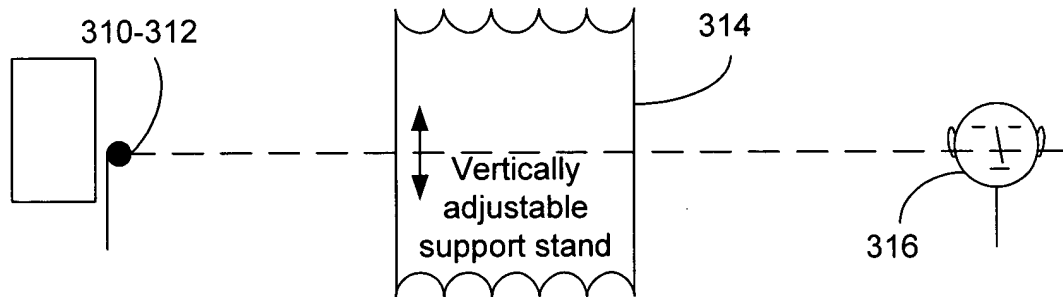
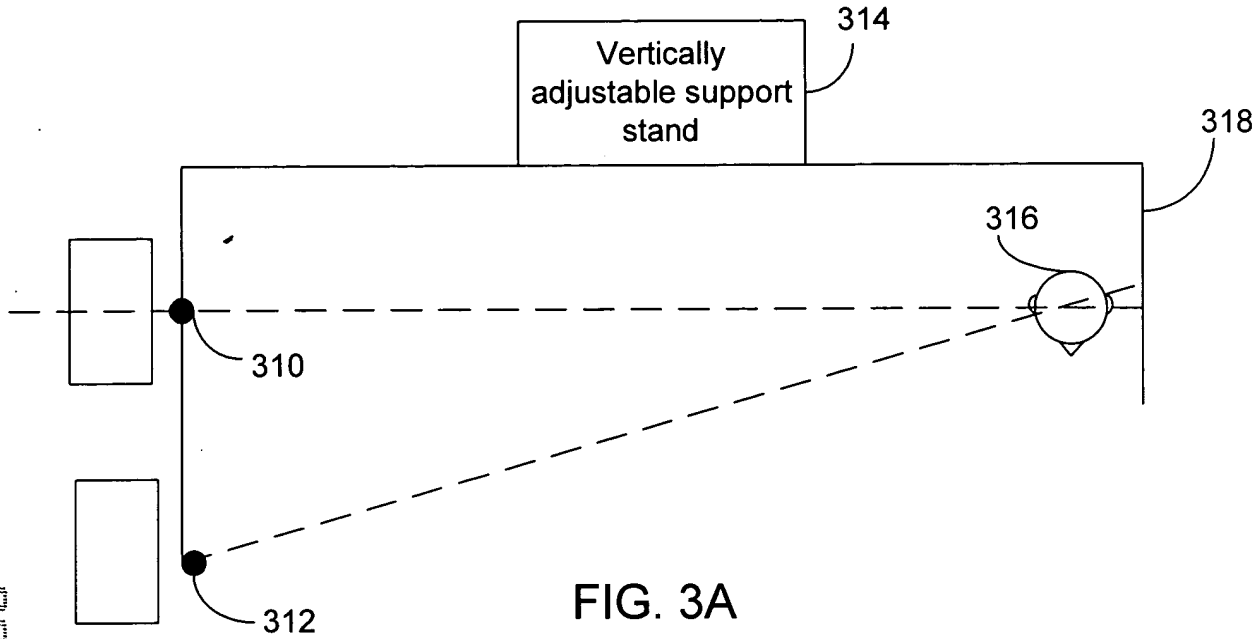


FIG. 3B

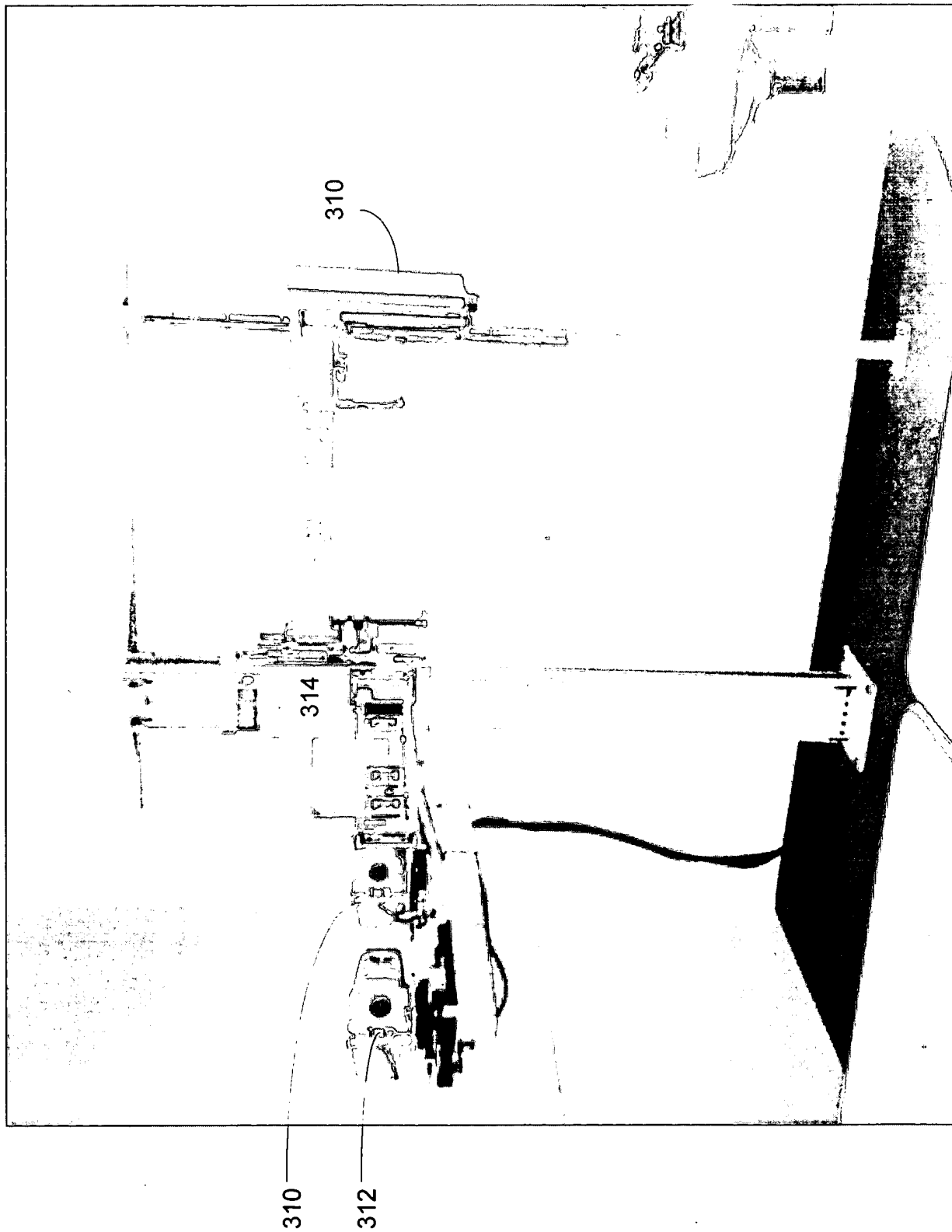


FIG. 3C

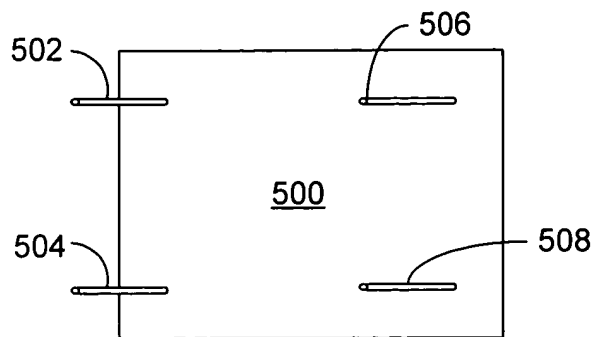


FIG. 4A

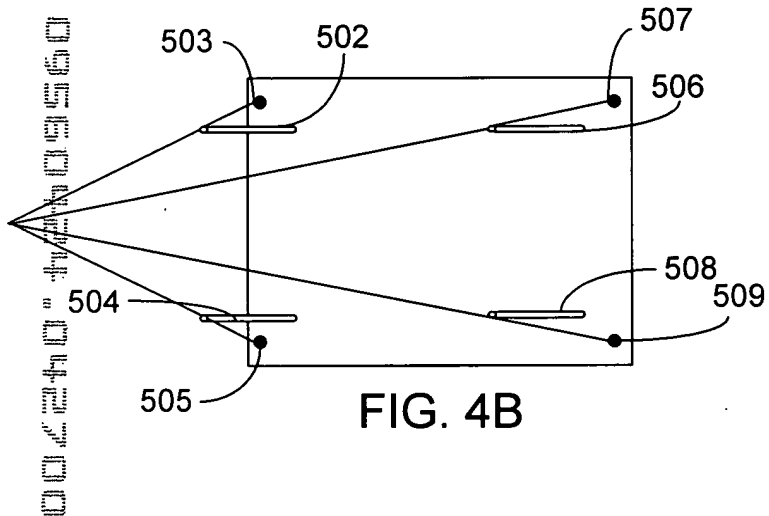


FIG. 4B

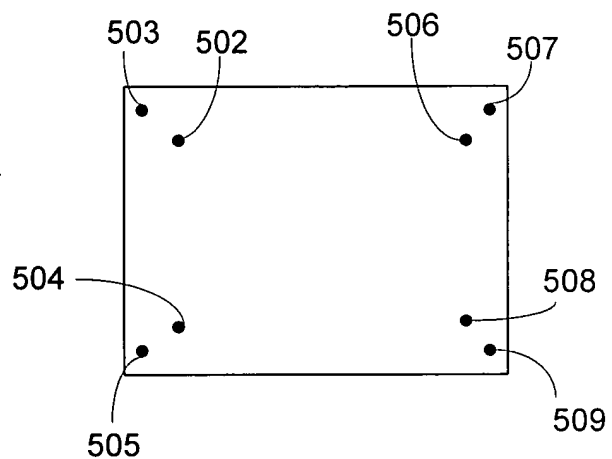


FIG. 4D

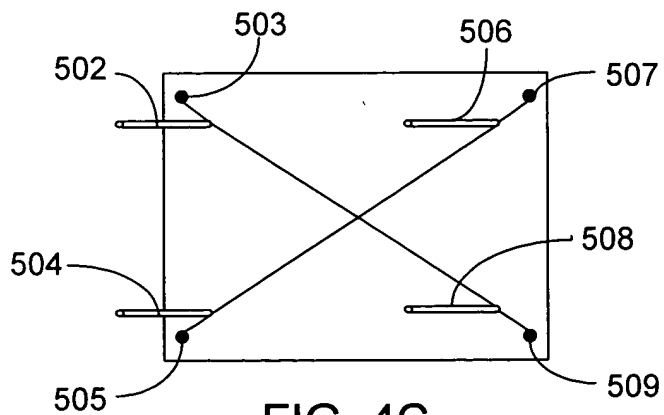


FIG. 4C

002240-42409560

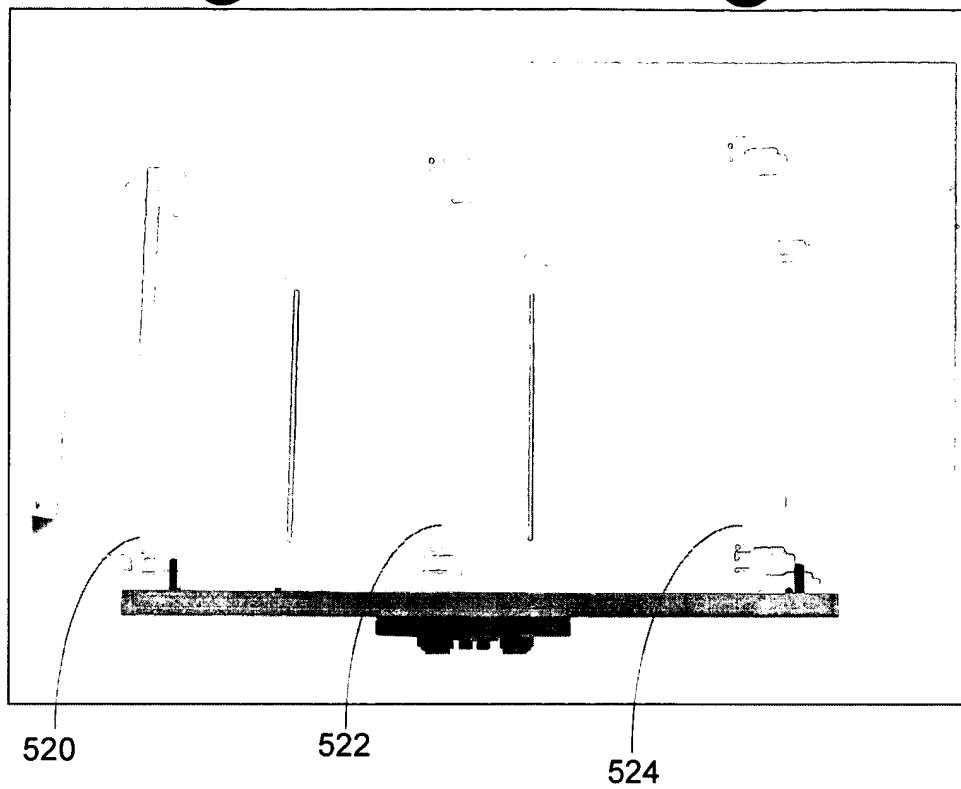


FIG. 4E

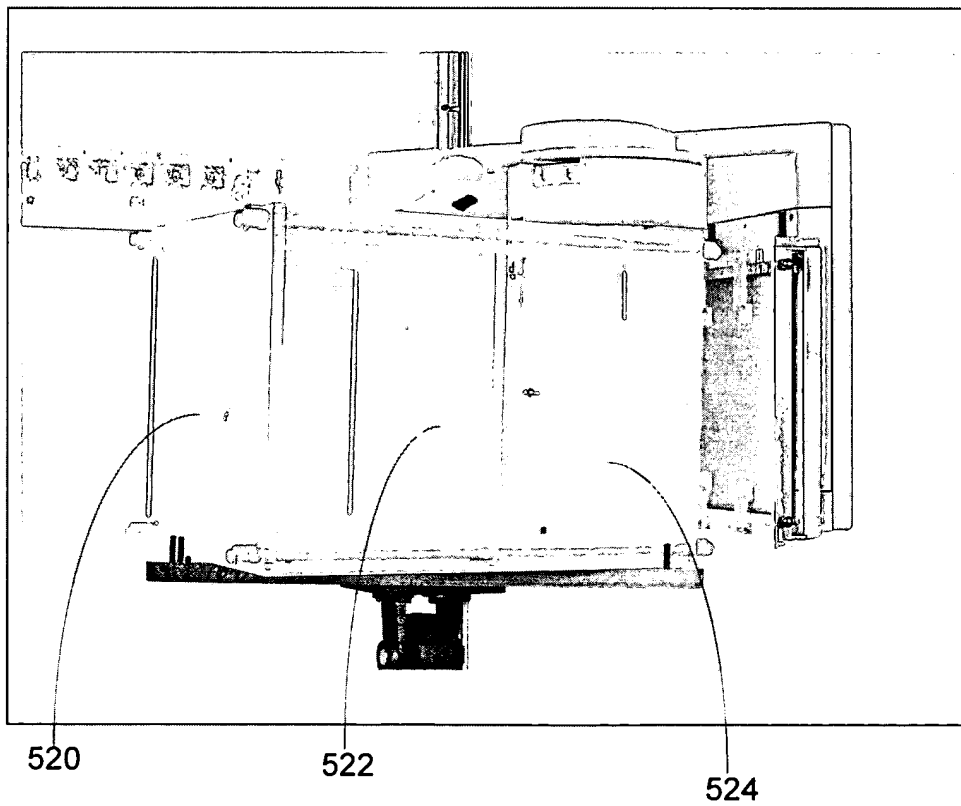


FIG. 4F

004240"4240950

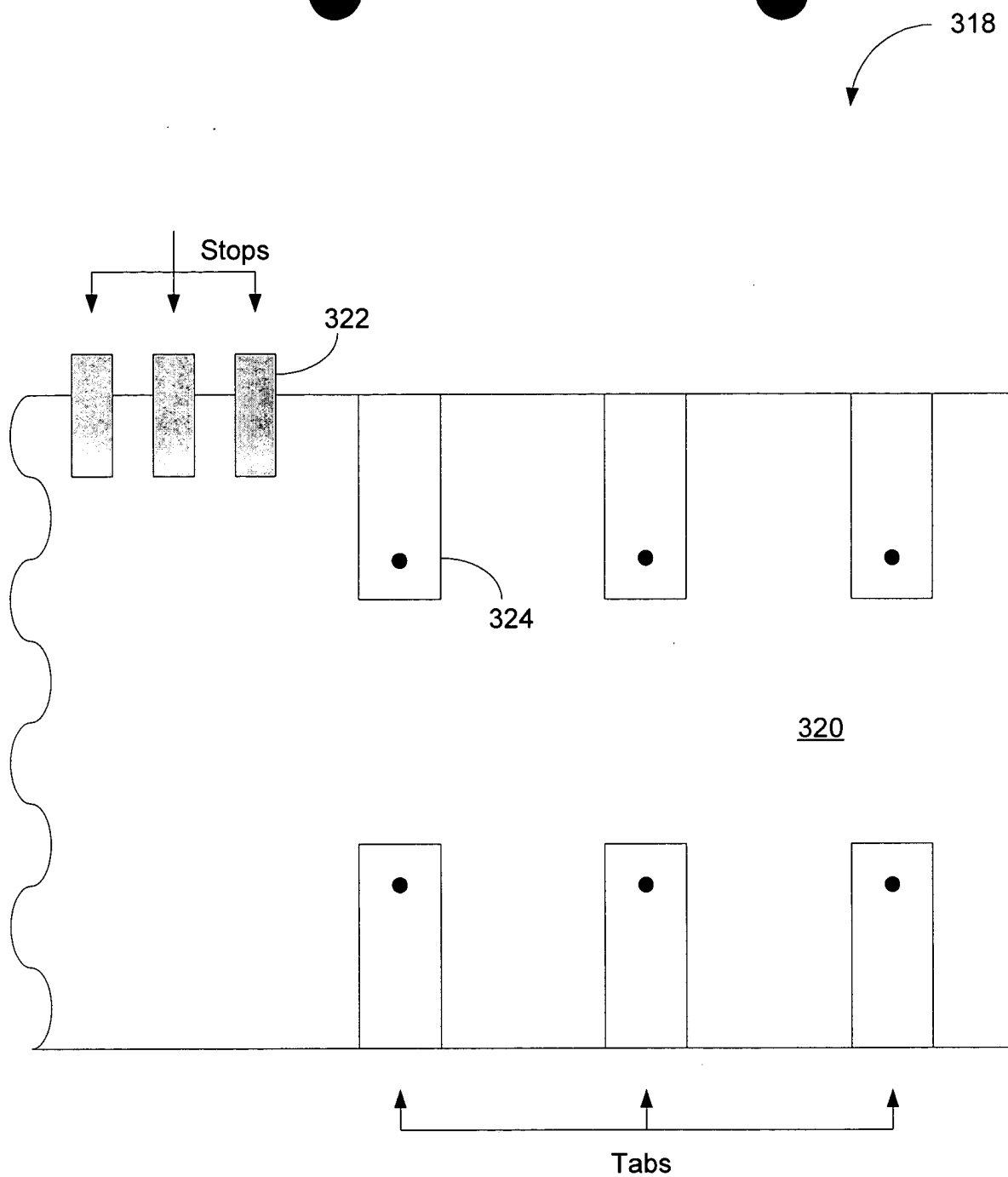


FIG. 5A

002240"42409560

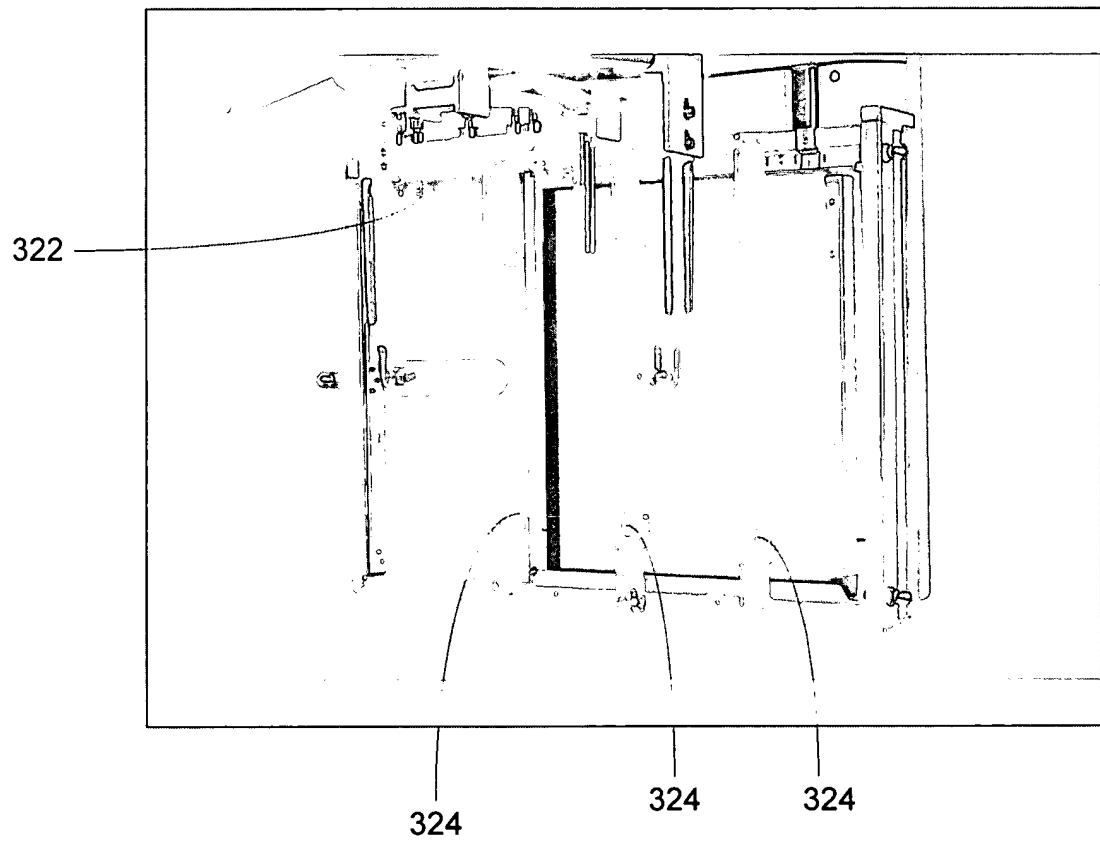


FIG. 5B



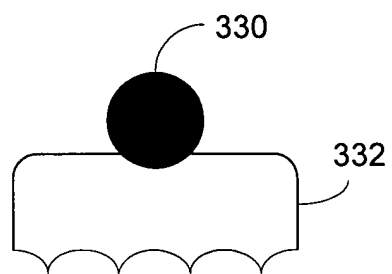
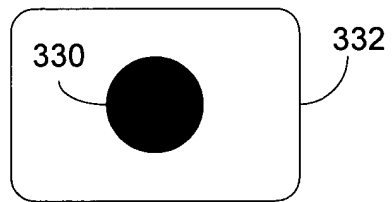


FIG. 6

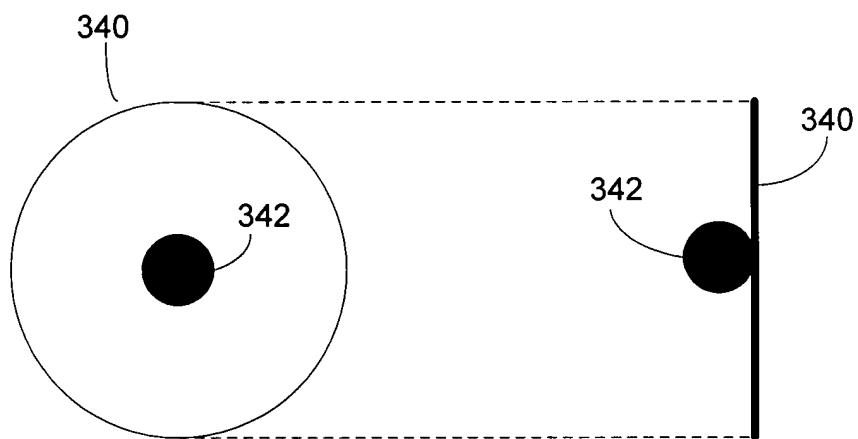


FIG. 7

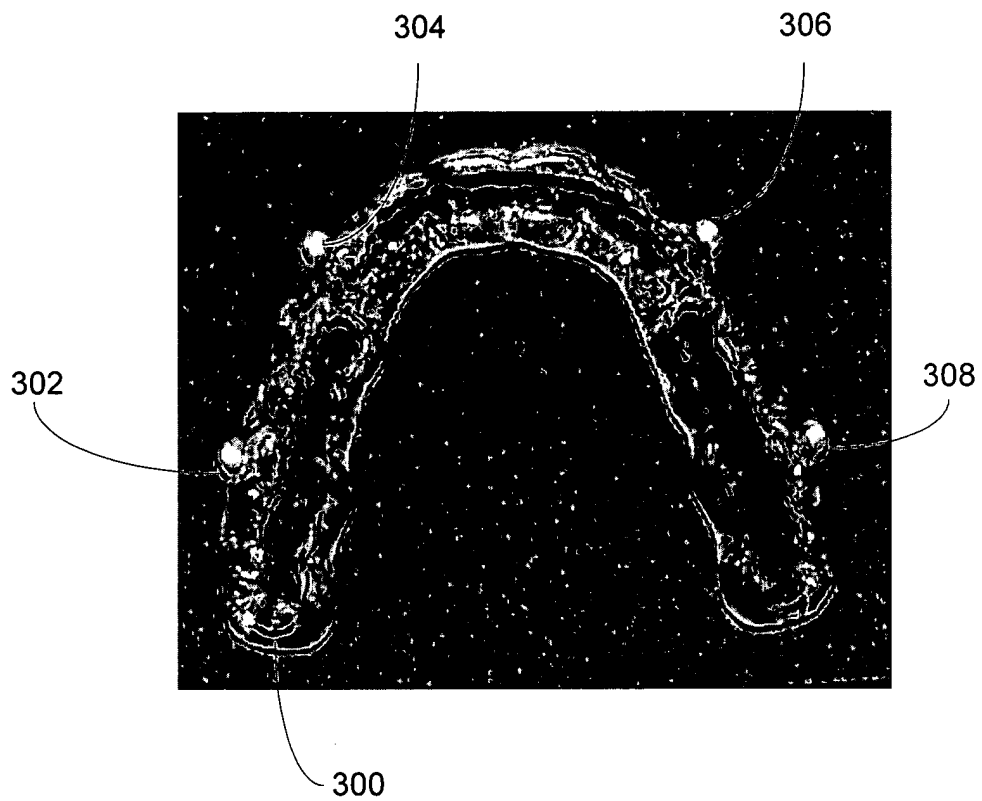


FIG. 8A

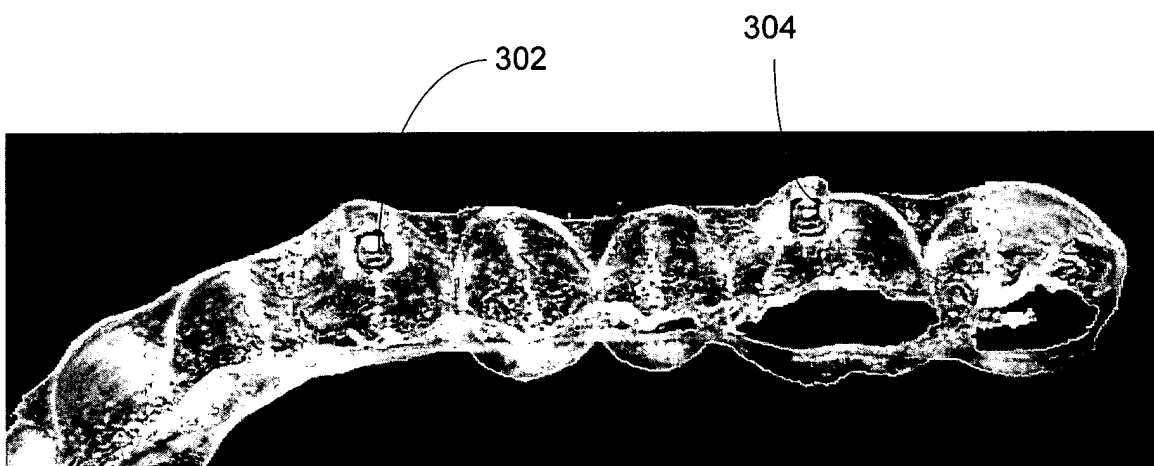


FIG. 8B

004240-424950

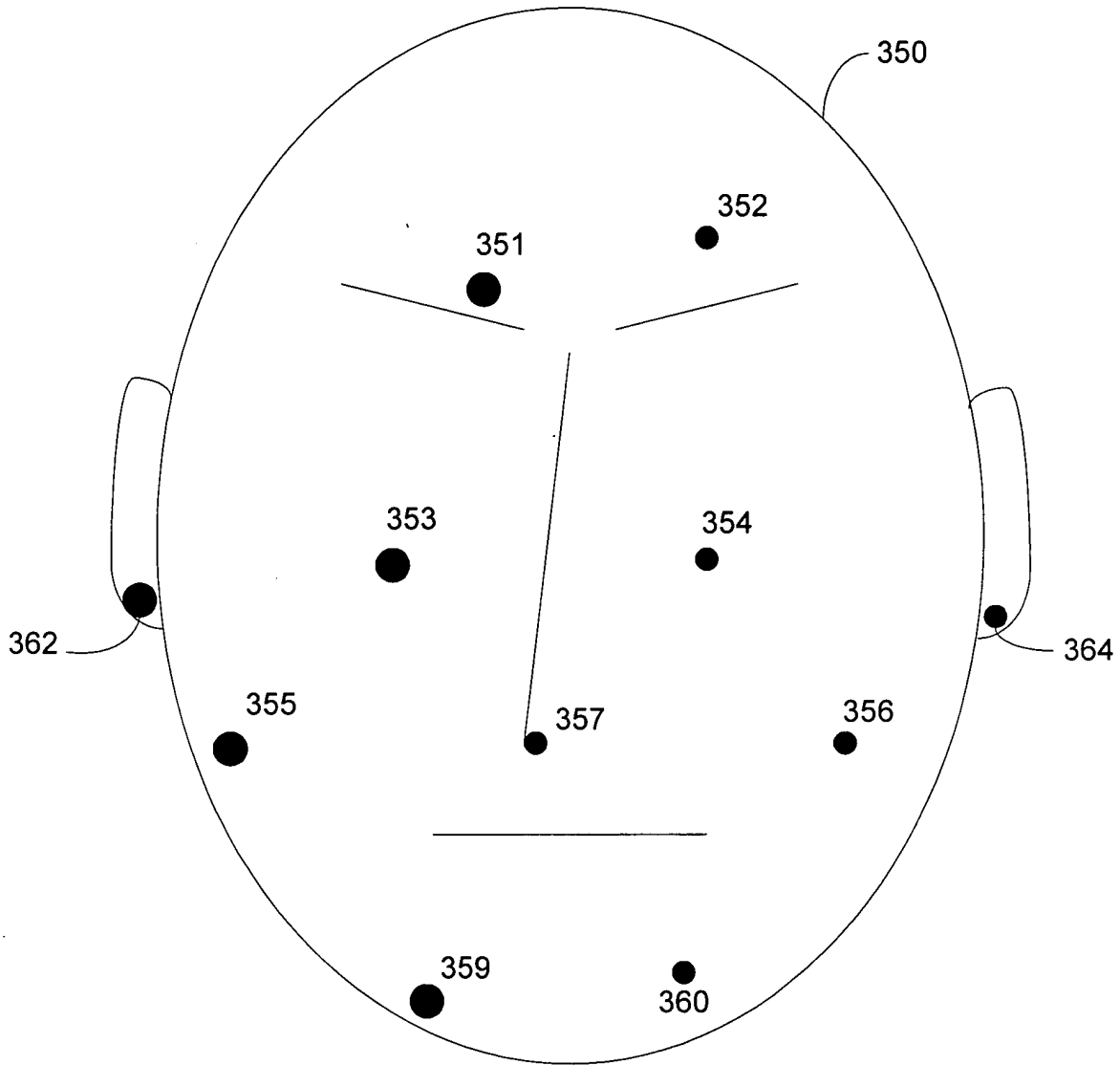


FIG. 9



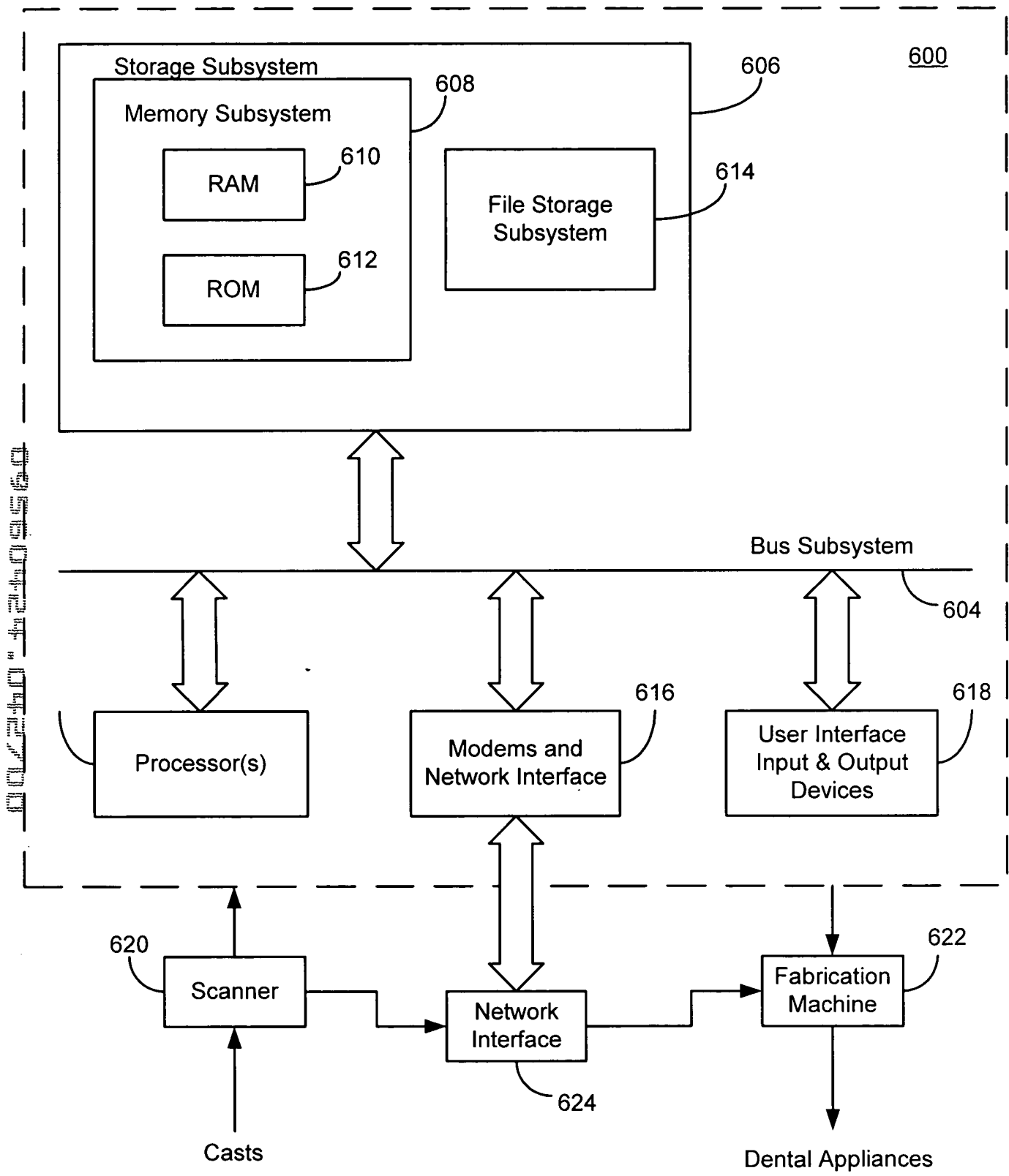


FIG. 11